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METRIC SYSTEM

This Fisheries Bulletin, an FAO publication, uses the metric system of units to measure quantities in terms of weight, volume, capacity, length, and area. "Tons" and "quintals", when not specified by a descriptive adjective, therefore mean "metric tons" (1,000 kilograms) and "metric quintals" (100 kilograms), respectively.

In the case of monetary values, the currency units are defined by the adjective but unless otherwise specified the term "dollars" refers to U.S.A. dollars.

CONVERSION FACTORS

(a) General: Non-metric units to metric units:

Converted from	To:	Multiplier
Pounds	Metric tons	0.0004536
Hundredweight (112 pounds)	" "	0.0508
Hundredweight (100 pounds)	" "	0.04536
Quintal (112 pounds)	" "	0.0508
Short ton (2,000 pounds)	" "	0.9072
Long ton (2,240 pounds)	" "	1.0161
U.S. gallons	Liters	3.7853
Imperial gallons	"	4.546

(b) Fisheries Products: Capacity and numbers to metric weight units:

Converted from:	To:	Multiplier
Hectoliter (herring)	Metric tons	0.093

(c) Fisheries Products: "Yield" factors:

Converted from:	To:	Multiplier
Wet-salted cod and allied species	Dried basis	0.66

SYMBOLS USED IN TABLES

... Not available ø Negligible - Nil

Fisheries Bulletin

Volume I, Number 3 October 1948

PREFACE

In the following pages we publish three tables supplementary to the FAO Yearbook of Fisheries Statistics, 1947. The two tables of Belgian trade statistics amplify material already published in the Yearbook. The United Kingdom statistics are divided into three statistical areas: England and Wales are covered in Table 166 and Scotland in Table 167 of the yearbook. The table of landings in North Ireland published in this issue fills a gap in the yearbook tables.

All statistical material published in the Bulletin is, to some extent, supplementary to the Yearbook. For example, Table 1 in the August issue summarizes landings in 24 countries for the years 1938, 1946 and 1947, whereas landings statistics in the Yearbook covered only 19 countries. In the September issue (Vol. I, No. 2) Tables 18, 19, 20 and 21, dealing with whale-oil, herring landings, and the production of fish-oil and fish-meal, all supplement material in the Yearbook.

Thus the Bulletin will be used to revise and bring up-to-date the tables already published and to add tables for countries and topics not dealt with in this yearbook.

Errata: Fisheries Bulletin (Vo. I. No. 2, September 1947) p. 29, par. 4 line 3 for 1936-37 read 1936-47; p. 34 par 5, line 3 for "1948" read "1947"; p. 47, par 2, line 3 et seg the African "bonga" is Ethmalose Fimbriata or Dorsalis; p. 49, Sources, line 6, insert January between 15-22 and 1948.

FAO YEARBOOK OF FISHERIES STATISTICS, 1947

Page 224, Table 162. - Spain: Landings for 1934 should read 387,801, not 287,801.

Page 247, Table 169. - Refer to Item 224, Yellowtail, Atlantic and Item 225, Yellowtail, Pacific. The data for the years 1937-1944 are reversed. Item 224 for 1937 should read 2,436, not 50; Item 225 for 1937 should read 50, not 2,436, etc.

TABLE 31 . - BELGIUM: EXPORTS*, 1930-1946

Q = Quantities in Metric Quintals (100 kg.)
V = Values + in Thousands of Belgian Francs

TABLEAU 31 . - BELGIQUE: EXPORTATIONS*, 1930-1946

Q = Quantités en quintaux métriques (100 kg.)
V = Valeurs+ en milliers de francs belges

ITEMS		1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	ARTICLES	
MARINE OILS:																			GRAISSES DE POISSON:	
18. Spermaceti	Q	1	-	-	-	-	-	1	21	-	-	-	-	-	-	-	-	-	Q Blanc de baleine ou de	18.
	V	3	-	-	-	-	-	4	9	-	-	-	-	-	-	-	-	-	V cachalot	
19. Fish oils and fats, hydrogenated or similarly treated, edible	Q	155	21	53	31	1,820	91	267	21	32	39	-	-	-	-	-	-	-	Q Huiles et graisses de poisson, hydrogénées ou ayant subi un traitement similaire, comestibles	19.
	V	78	20	21	10	278	27	74	9	29	22	-	-	-	-	-	-	-	V	
20. Fish oils and fats, hydrogenated or similarly treated, for industrial use	Q	154	1,820	19,731	5,214	115	353	17	246	602	369	-	-	-	-	-	-	-	Q Huiles et graisses de poisson, hydrogénées ou ayant subi un traitement similaire, à usage industriel	20.
	V	63	580	6,450	1,242	26	92	3	87	197	82	-	-	-	-	-	-	-	V	
21. Fish oils and fats, others, edible	Q	839	48	8	7	14	195	6	...	...	...	-	-	-	-	-	-	-	Q Huiles et graisses de poisson, autres, comestibles	21.
	V	336	24	3	2	1	68	4	...	...	...	-	-	-	-	-	-	-	V	
22. Fish oils and fats, others, for industrial use	Q	2,989	256,423	281,189	188,641	187,959	17,715	3,525	...	...	...	-	-	-	-	-	-	-	Q Huiles et graisses de poisson, autres, à usage industriel	22.
	V	1,031	62,407	46,447	21,591	22,850	2,458	829	...	...	...	-	-	-	-	-	-	-	V	
23. Whale oils and fats, edible	Q	...	...	...	...	...	...	...	11	55	471	-	-	-	-	-	-	-	Q Huiles et graisses de baleine, comestibles	23.
	V	...	...	...	...	...	...	...	6	26	123	-	-	-	-	-	-	-	V	
24. Fish-liver oils, edible	Q	...	...	...	...	...	...	...	91	166	73	-	-	-	-	-	-	-	Q Huiles de foie de poisson, comestibles	24.
	V	...	...	...	...	...	...	...	44	100	30	-	-	-	-	-	-	-	V	
25. Other fish oils and fats, edible, not specified	Q	...	...	...	...	...	...	...	38	291	145	-	-	-	-	-	-	-	Q Autres huiles et graisses de poisson, comestibles, non dénommés	25.
	V	...	...	...	...	...	...	...	24	108	51	-	-	-	-	-	-	-	V	
26. Whale oils and fats, for industrial use	Q	...	...	...	...	...	...	...	102,507	104,156	2,060	-	-	-	-	-	-	-	Q Huiles et graisses de baleine, à usage industriel	26.
	V	...	...	...	...	...	...	...	27,715	30,988	373	-	-	-	-	-	-	-	V	
27. Fish liver oils, for industrial use	Q	...	...	...	...	...	...	...	1,323	2,146	1,739	-	-	-	-	-	-	-	Q Huiles de foie de poisson, à usage industriel	27.
	V	...	...	...	...	...	...	...	419	512	502	-	-	-	-	-	-	-	V	
28. Other fish oils and fats, not specified, for industrial use	Q	...	...	...	...	...	...	...	2,000	1,651	1,569	-	-	-	-	-	-	-	Q Autres huiles et graisses de poisson, non dénommés, à usage industriel	28.
	V	...	...	...	...	...	...	...	457	403	294									
OTHER FISHERY PRODUCTS:																			AUTRES PRODUITS DE LA PECHE:	
29. Whale fin products, crude h/	Q	...	...	...	...	50	-	-	-	-	-	-	-	-	-	-	-	-	Q Fanons de baleines, bruts h/	29.
	V	...	...	...	...	10	-	-	-	-	-	-	-	-	-	-	-	-	V	
30. Fish maw, crude or dried	Q	48	30	...	...	...	...	-	-	4	...	-	-	-	-	-	-	-	Q Vessies natatoires de poissons, brutes ou desséchées	30.
	V	134	77	4	6	2	1	-	-	13	5	-	-	-	-	-	-	-	V	
31. Fish meal	Q	...	...	...	...	...	...	...	...	...	...	60	-	-	-	-	-	-	Q Farine de poissons	31.
	V	...	...	...	...	...	...	...	...	...	...	18	-	-	-	-	-	-	V	
32. Cod and mackerel roe, used for bait	Q	208	-	-	1,470	-	-	-	520	663	742	-	-	-	-	-	-	-	Q Rogue de morues et de maquereaux utilisée comme appât	32.
	V	35	-	-	210	-	-	-	31	66	74	-	-	-	-	-	-	-	V	
33. Manufactured fertilizers (from meat, fish, blood and similar materials)	Q	11,453	1,537	3,320	6,257	54	2,657	619	260	2,060	1,790	-	-	-	-	-	-	-	Q Guano artificiel (de viande, de poisson, de sang et produits similaires)	33.
	V	788	212	356	376	2	178	60	37	296	115	-	-	-	-	-	-	-	V	
34. Whalebone strips, prepared	Q	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	Q Fanons de baleine, en baguettes apprêtés	34.
	V	ø	ø	ø	ø	ø	ø	ø	ø	ø	1	-	-	-	-	-	-	-	V	
35. Whalebone, otherwise treated, n.e.i.	Q	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	Q Fanons de baleine traités autrement, n.c.a.	35.
	V	ø	ø	ø	ø	ø	ø	1	ø	ø	ø	-	-	-	-	-	-	-	V	
36. Oyster spat, alive, fresh or frozen	Q	3	-	-	-	-	-	269	-	-	-	-	-	-	-	-	-	-	Q Naissains d'huîtres, vivants, frais ou congelés	36.
	V	8	-	-	-	-	-	269	-	-	-	-	-	-	-	-	-	-	V	

ITEMS		1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946		ARTICLES	
37. Pearls, real, unpolished	Q	...	...	-	-	...	...	...	...	...	...	-	-	-	-	-	-	-	Q	Perles fines, brutes	37.
	V	...	39	-	-	17	11	115	405	577	311	-	-	-	-	-	-	-	V		
38. Fine pearls and coral, in their natural state, wrought i/	Q	ø	ø	...	...	...	...	...	...	...	...	-	-	-	-	-	-	-	Q	Perles fines et corail naturels, ouvrés i/	38.
	V	ø	ø	240	1,818	199	554	716	843	948	135	-	-	-	-	-	-	-	V		
39. Fine pearls and coral, in their natural state, wrought j/	Q	...	...	...	...	...	...	...	...	...	...	-	-	-	-	-	-	-	Q	Perles fines et corail naturels, ouvrés j/	39.
	V	18	75	351	185	15	10	669	268	650	14	-	-	-	-	-	-	-	V		
40. Mother-of-pearl, crude	Q	...	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Q	Nacre brute	40.
	V	1	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V		
41. Mother-of-pearl and its imitations, in plates or pieces k/	Q	ø	ø	ø	ø	ø	ø	1	ø	ø	ø	-	-	-	-	-	-	-	Q	Nacre et ses imitations en plaques ou morceaux k/	41.
	V	2	ø	ø	ø	ø	ø	3	ø	ø	ø	-	-	-	-	-	-	-	V		
42. Mother-of-pearl and its imitations, in plates or pieces l/	Q	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	Q	Nacre et ses imitations plaques ou morceaux l/	42.
	V	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	V		
43. Mother-of-peal and its imitations m/	Q	ø	3	ø	ø	ø	ø	1	ø	ø	ø	-	-	-	-	-	-	-	Q	Nacre et ses imitations m/	43.
	V	1	46	7	8	3	12	26	6	5	3	-	-	-	-	-	-	-	V		
44. Turtle shells, crude	Q	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Q	Ecailles de tortue, brutes	44.
	V	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V		
45. Tortoise shells and its imitations in plates or pieces k/	Q	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	Q	Ecaille et ses imitations, en plaques ou morceaux m/	45.
	V	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	V		
46. Tortoise shells and its imitations in plates or pieces l/	Q	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	Q	Ecaille et ses imitations, en plaques ou morceaux l/	46.
	V	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	V		
47. Tortoise shells and its imitations m/	Q	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	-	-	Q	Ecaille et ses imitations m/	47.
	V	12	4	ø	2	2	1	ø	3	ø	1	-	-	-	-	-	-	-	V		
48. Shells, empty, crude	Q	56	441	136	107	1,267	654	355	509	263	210	-	-	-	-	-	-	-	Q	Coquilles vides, brutes	48.
	V	8	22	9	3	84	38	12	21	17	12	-	-	-	-	-	-	-	V		
49. Coral, crude	Q	2	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	Q	Corail, brut	49.
	V	7	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	V		
50. Sponges, crude	Q	48	36	29	21	32	27	34	64	133	160	-	-	-	-	-	-	-	Q	Eponges, brutes	50.
	V	345	177	218	204	280	202	240	545	993	963	-	-	-	-	-	-	-	V		
51. Sponges, prepared	Q	16	15	5	7	17	25	15	26	23	28	-	-	-	-	-	-	-	Q	Eponges, preparées	51.
	V	367	411	297	265	347	544	350	398	408	617	-	-	-	-	-	-	-	V		
52. Fish glue n/	Q	205	65	46	27	13	39	36	294	265	130	-	-	-	-	-	-	-	Q	Colle de poisson n/	52.
	V	252	73	66	39	16	53	42	294	272	148	-	-	-	-	-	-	-	V		

Note: This table supplements Table 18 (p. 18) of FAO Yearbook of Fisheries Statistics. From item 18 onwards additional data have been incorporated; hence the itemisation used above.

Sources: Tableau Annuel du Commerce avec les Pays Etrangers, 1930-1931; Bulletin Mensuel du Commerce avec les Pays Etrangers, 1932-1939; Table submitted by Belgian Government, 1940-1946, Brussels.

* Special Trade.
♣ F.o.b. Values.

h/ Including parings and scrapings comprising waste of manufactured whale bone.
i/ Not mounted, simply polished, pierced or having undergone a similar treatment, strung exclusively for purposes of preservation during transport.
j/ Mounted or prepared, to be used exclusively for ornamental purposes, n.e.i.
k/ Ground or otherwise cut up, not otherwise wrought.
l/ Ground, polished or otherwise smoothened, intended to be wrought later.
m/ Wrought in some other way, n.e.i.
n/ From whale tendons and similar material.

Note: Ce Tableau complète le tableau 18 (p. 18) de l'annuaire statistique du pêches publié par la FAO. Des données nouvelles ont été ajoutées aux articles 18 et suivants, ce qui explique le changement de numérotage.

Sources: Tableau Annuel du Commerce avec les Pays Etrangers, 1930-1931; Bulletin Mensuel du Commerce avec les Pays Etrangers, 1932-1939; Bruxelles.

* Commerce spécial.
♣ Valeur f.o.b.

h/ Y compris rognures et raclures dont les déchets de la préparation des janons.
i/ Non montés, simplement polis, percés ou ayant subi traitement similaire, enfilés dans le seul but de les preserver en cours de transport.
j/ Montés ou préparés pour servir uniquement de parure, n.c.a.
k/ Meulés ou autrement debités, non autrement ouvrés.
l/ Meulés, polis ou ayant subi un traitement similaire à la surface, ebauches d'objets destinés à être ouvrés ultérieurement.
m/ Ouvrés autrement, n.c.a.
n/ A partir de tendons de baleine et autres produits similaires.

TABLE 32.- BELGIUM: IMPORTS*, 1930-1946

Q = Quantities in Metric Quintals (100 kg)
V = Value** in Thousands of Belgian Francs

TABLEAU 32.- BELGIQUE: IMPORTATIONS*, 1930-1946

Q = Quantités en quintaux métriques (100 kg)
V = Valeur** en milliers de francs belges

ITEMS		1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1943	1945	1946		ARTICLES	
MARINE OILS:																				GRAISSES DE POISSON:	
18. Spermaceti	Q	20	25	26	20	32	48	34	44	27	16	-	-	-	-	-	-	-	Q	Blanc de baleine ou de cachalot	18.
	V	34	34	24	23	26	38	42	40	44	27	-	-	-	-	-	-	-	V		
19. Fish oils and fats, hydrogenated or similarly treated, edible	Q	103,438	83,981	52,572	74,996	53,797	23,196	27,744	35,139	38,713	38,404	-	-	-	-	-	-	-	Q	Huiles et graisses de poisson hydrogenées ou ayant subi un traitement similaire, comestibles	19.
	V	65,362	49,473	25,342	22,318	12,478	5,875	8,812	11,839	11,069	9,847	-	-	-	-	-	-	-	V		
20. Fish oils and fats, hydrogenated or similarly treated, for industrial use	Q	4,409	11,665	948	7,116	2,437	1,568	2,220	4,640	4,436	4,611	-	-	-	-	-	-	-	Q	Huiles et graisses de poisson, hydrogenées ou ayant subi un traitement similaire, à usage industriel	20.
	V	2,078	6,015	225	1,532	542	362	690	1,526	1,108	1,070	-	-	-	-	-	-	-	V		
21. Fish oils and fats, others, edible	Q	3,417	3,116	2,971	2,560	1,947	15,980	7,089	...	...	...	-	-	-	-	-	-	-	Q	Huiles et graisses de poisson, autres, comestibles	21.
	V	2,116	1,773	1,133	925	694	3,841	2,114	...	...	...	-	-	-	-	-	-	-	V		
22. Fish oils and fats, others, for industrial use	Q	34,524	338,567	326,235	260,525	213,103	160,634	191,927	...	...	...	-	-	-	-	-	-	-	Q	Huiles et graisses de poisson, autres, à usage industriel	22.
	V	14,749	84,877	31,453	35,113	27,371	27,485	49,792	...	...	...	-	-	-	-	-	-	-	V		
23. Whale oils and fats, edible	Q	...	...	...	...	...	...	...	25,072	30	296	-	-	-	-	-	-	-	Q	Huiles et graisses de baleine, comestibles	23.
	V	...	...	...	...	...	...	...	6,276	11	129	-	-	-	-	-	-	-	V		
24. Fish liver oils, edible	Q	...	...	...	...	...	...	...	1,777	2,947	2,807	-	-	-	-	-	-	-	Q	Huiles de foie de poisson, comestibles	24.
	V	...	...	...	...	...	...	...	1,017	1,631	1,476	-	-	-	-	-	-	-	V		
25. Other fish oils and fats, edible, not specified	Q	...	...	...	...	...	...	...	62	203	278	-	-	-	-	-	-	-	Q	Autres huiles et graisses de poisson, comestibles, non dénommés	25.
	V	...	...	...	...	...	...	...	18	91	167	-	-	-	-	-	-	-	V		
26. Whale oils and fats, for industrial use	Q	...	...	...	...	...	...	...	338,392	220,524	125,211	-	-	-	-	-	-	-	Q	Huiles et graisses de baleine, à usage industriel	26.
	V	...	...	...	...	...	...	...	97,839	55,902	26,917	-	-	-	-	-	-	-	V		
27. Fish liver oils, for industrial use	Q	...	...	...	...	...	...	...	15,201	24,686	14,319	-	-	-	-	-	-	-	Q	Huiles de foie de poisson, à usage industriel	27.
	V	...	...	...	...	...	...	...	6,121	7,502	5,528	-	-	-	-	-	-	-	V		
28. Other fish oils and fats not specified, for industrial use	Q	...	...	...	...	...	...	...	15,179	5,185	7,917	-	-	-	-	-	-	-	Q	Autres huiles et graisses de poisson non dénommés, à usage industriel	28.
	V	...	...	...	...	...	...	...	3,987	1,280	2,623	-	-	-	-	-	-	-	V		
OTHER FISHERY PRODUCTS:																				AUTRES PRODUITS DE LA PECHE:	
29. Whale fin products, crude j/	Q	1	3	1	127	50	1	2	1	11	6	-	-	-	-	-	-	-	Q	Fanons de baleines bruts j/	29.
	V	5	19	5	67	20	1	8	2	3	2	-	-	-	-	-	-	-	V		
30. Fish maw, crude or dried	Q	260	267	197	225	188	132	150	144	128	93	-	-	-	-	-	-	-	Q	Vessies natatoires de poissons, brutes ou desséchées	30.
	V	664	649	412	377	375	323	357	346	324	222	-	-	-	-	-	-	-	V		
31. Fish meal	Q	...	...	...	...	...	...	...	...	...	...	14,898	-	85	-	-	-	4,662	Q	Farine de poissons	31.
	V	...	...	...	...	...	...	...	...	...	...	2,430	-	26	-	-	-	1,108	V		
32. Cod and mackerel roe used for bait	Q	245	...	-	526	-	5	1	-	7	6	-	-	-	-	-	-	-	Q	Rogue de morues et de maqueraux utilisée comme appât	32.
	V	30	1	-	164	-	1	1	-	2	4	-	-	-	-	-	-	-	V		
33. Manufactured fertilizers (from meat, fish, blood, and similar materials)	Q	42,019	89,789	66,579	19,433	1,605	354	4,367	1,089	115	152	-	-	-	-	-	-	-	Q	Guano artificiel (de viande, de poisson, de sang et produits similaires)	33.
	V	10,137	13,673	6,922	1,615	150	47	458	108	18	14	-	-	-	-	-	-	-	V		
34. Whalebone strips, prepared	Q	48	53	47	67	28	71	100	53	35	41	-	-	-	-	-	-	-	Q	Fanons de baleine en baguettes, appretés	34.
	V	161	157	135	141	73	161	154	133	81	102	-	-	-	-	-	-	-	V		
35. Whalebone, otherwise treated, n.e.i.	Q	6	6	6	3	6	6	6	6	6	6	-	-	-	-	-	-	-	Q	Fanons de baleine, traités autrement, n.c.a.	35.
	V	1	2	1	7	6	9	2	9	6	1	-	-	-	-	-	-	-	V		
36. Oyster spat, alive, fresh or frozen	Q	222	98	228	237	-	821	9	11	-	7	-	-	-	-	-	-	-	Q	Naissains d'huîtres, vivants, frais ou congelés	36.
	V	104	41	69	171	-	673	62	23	-	4	-	-	-	-	-	-	-	V		

37. Pearls, real, unpolished	Q	...	...	-	-	...	...	...	...	...	...	-	-	-	-	-	-	-	Q	Perles fines, brutes	37.
	V	5	1	-	-	58	124	462	379	258	61	-	-	-	-	-	-	-	V		
38. Fine pearls and coral, in their natural state, wrought k/	Q	...	...	...	...	...	...	...	...	...	...	-	-	-	-	-	-	-	Q	Perles fines et corail, naturels, ouvrés k/	38.
	V	7,907	3,973	1,912	1,070	630	2,259	2,922	1,880	2,867	1,816	-	-	-	-	-	-	-	V		
39. Fine pearls and coral in their natural state, wrought l/	Q	...	...	...	...	...	...	...	...	...	...	-	-	-	-	-	-	-	Q	Perles fines et corail, naturels, ouvrés l/	39.
	V	16	1	6	35	17	39	8	29	16	37	-	-	-	-	-	-	-	V		
40. Mother of pearl, crude	Q	3	1	-	-	-	-	...	-	...	...	-	-	-	-	-	-	-	Q	Nacre, brute	40.
	V	12	5	-	-	-	-	2	-	1	3	-	-	-	-	-	-	-	V		
41. Mother of pearl and its imitations, in plates or pieces m/	Q	6	2	6	6	6	2	6	6	6	6	-	-	-	-	-	-	-	Q	Nacre et ses imitations, en plaques ou morceaux m/	41.
	V	3	7	1	2	3	10	1	1	6	1	-	-	-	-	-	-	-	V		
42. Mother of pearl and its imitations, in plates or pieces n/	Q	12	59	42	29	18	16	14	11	6	1	-	-	-	-	-	-	-	Q	Nacre et ses imitations, en plaques ou morceaux n/	42.
	V	126	357	216	116	70	100	84	65	32	13	-	-	-	-	-	-	-	V		
43. Mother of pearl and its imitations o/	Q	16	12	3	8	1	6	6	9	6	6	-	-	-	-	-	-	-	Q	Nacre et ses imitations o/	43.
	V	422	290	117	129	265	334	141	158	94	54	-	-	-	-	-	-	-	V		
44. Turtle shells	Q	...	-	...	-	...	...	...	9	...	...	-	-	-	-	-	-	-	Q	Ecailles de tortue	44.
	V	7	-	12	-	9	8	19	28	26	23	-	-	-	-	-	-	-	V		
45. Tortoise shells and its imitations in plates or pieces m/	Q	6	6	1	6	1	6	6	6	6	6	-	-	-	-	-	-	-	Q	Ecaille et ses imitations, en plaques ou morceaux m/	45.
	V	3	3	10	•32	15	19	8	2	15	6	-	-	-	-	-	-	-	V		
46. Tortoise shells and its imitations in plates or pieces n/	Q	1	2	6	1	1	1	6	6	6	6	-	-	-	-	-	-	-	Q	Ecaille et ses imitations, en plaques ou morceaux n/	46.
	V	6	20	2	7	17	9	4	6	6	6	-	-	-	-	-	-	-	V		
47. Tortoise shells and its imitations o/	Q	60	48	58	81	74	55	77	41	1	6	-	-	-	-	-	-	-	Q	Ecaille et ses imitations o/	47.
	V	1,220	942	1,010	1,001	1,050	928	1,019	550	18	7	-	-	-	-	-	-	-	V		
48. Shells, empty, crude	Q	25,061	44,405	29,188	39,326	31,823	12,038	603	172	179	1,619	-	-	-	-	-	-	-	Q	Coquilles vides brutes	48.
	V	2,360	2,439	1,271	1,221	883	510	70	104	53	74	-	-	-	-	-	-	-	V		
49. Coral, crude	Q	...	-	-	-	-	-	-	-	-	...	-	-	-	-	-	-	-	Q	Corail brut	49.
	V	1	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	V		
50. Sponges, crude	Q	584	603	496	702	563	586	561	712	764	666	-	-	-	-	-	-	-	Q	Eponges brutes	50.
	V	5,115	5,274	3,778	4,165	3,175	3,885	4,206	5,707	5,772	4,393	-	-	-	-	-	-	-	V		
51. Sponges, prepared	Q	19	28	7	6	4	4	...	3	...	3	-	-	-	-	-	-	-	Q	Eponges preparées	51.
	V	467	604	276	160	122	94	9	88	54	42	-	-	-	-	-	-	-	V		
52. Fish glue p/	Q	111	99	109	76	61	94	117	145	139	146	-	-	-	-	-	-	-	Q	Colle de poisson p/	52.
	V	196	124	152	116	81	139	183	235	179	17	-	-	-	-	-	-	-	V		

SOURCES: Tableau Annuel du Commerce avec les Pays Etrangers, 1930-1931;
Bulletin Mensuel du Commerce avec les Pays Etrangers, 1932-1939;
Table submitted by Belgian Government, 1940-1946, Brussels.

Note.- This table supplements Table 17 (p.16) of FAO Yearbook of Fisheries Statistics, 1947. From Item 18 onwards additional data have been incorporated, hence the itemization used above.

* Special Trade ≠ C.I.F. Values

j/ Including parings and scrapings comprising waste of manufactured whale bone.
k/ Not mounted, simply polished, pierced or having undergone a similar treatment, strung exclusively for purposes of preservation during transport.
l/ Mounted or prepared, to be used exclusively for ornamental purposes, n.e.i.
m/ Ground or otherwise cut up, not otherwise wrought.
n/ Ground, polished or otherwise smoothened, intended to be wrought later.
o/ Wrought in some other way, n.e.i.
p/ From whale tendons and similar material.

SOURCES: Tableau Annuel de Commerce avec les Pays Etrangers, 1930-1931;
Bulletin Mensuel du Commerce avec les Pays Etrangers, 1932-1939;
Bruxelles; tableau pour 1940-1946 communiqué par le Gouvernement Belge.

Note.- Le tableau complète le tableau 17 (p.16) de l'Annuaire statistique des pêches publié par la FAO. Des données nouvelles ont été ajoutées aux articles 18 et suivants, ce qui explique le changement de numérotage.

* Commerce spécial ≠ Valeur c.a.f.

j/ Y compris rognures et raclures dont les dechets de la préparation des fanons.
k/ Non montés, simplement polis, percés ou ayant subi traitement similaire, enfilés dans le seul but de les preserver en cours de transport.
l/ Montés ou préparés pour servir uniquement de parure, n.c.a.
m/ Meulés ou autrement debités, non autrement ouvrés.
n/ Meulés, polis ou ayant subi un traitement similaire à la surface, ébauches d'objets destinés à être ouvrés ultérieurement.
o/ Ouvrés autrement, n.c.a.
p/ A partir de tendons de baleine et autres produits similaires.

TABLE 33. - UNITED KINGDOM
Landings in Northern Ireland, by Irish Fishing Craft, 1930-1944

Q - Quantities in metric tons unless otherwise indicated
V - Values in Pounds Sterling

TABLEAU 33. - ROYAUME-UNI
Marée fraîche débarquée en Irlande du Nord, 1930-1944

Q - Quantités en tonnes métriques, sauf indication contraire
V - Valeurs en livres sterling

SPECIES		1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944		ESPECES
GRAND TOTAL	Q	2,837	3,147	2,762	3,242	2,330	3,345	3,257	3,922	3,830	3,485	3,645	4,474	4,563	6,206	6,997	Q	TOTAL GENERAL
	V	46,815	47,324	42,492	48,013	46,031	55,373	64,520	57,592	57,781	58,586	109,211	179,788	208,741	215,112	258,427	V	
TELEOSTEAN FISHES:																		
Flatfishes: Total	Q	139	140	140	203	239	256	352	319	338	264	212	250	362	224	222	Q	Total: Poissons Plats
	V	5335	5227	5225	7786	9406	9530	13621	10906	11145	9138	10157	18015	27745	20597	23117	V	
1. Brill	Q	1	1	1	2	14	6	7	4	4	1	...	8	4	5	1	Q	Barbue 1.
	V	43	78	62	98	519	258	231	119	101	25	7	1,165	638	807	129	V	
2. Black soles	Q	3	1	1	2	2	3	17	5	2	2	...	1	2	2	ϕ	Q	Soles noires 2.
	V	289	161	46	126	87	98	682	162	75	77	...	90	188	102	12	V	
3. Turbot	Q	ϕ	...	1	ϕ	1	ϕ	ϕ	1	ϕ	...	...	ϕ	...	ϕ	ϕ	Q	Turbot 3.
	V	6	...	25	3	49	5	12	15	3	3	3	11	...	16	47	V	
4. Plaice	Q	103	105	109	175	200	207	274	254	299	239	176	165	242	151	191	Q	Plie 4.
	V	4318	4461	4509	7129	8241	8597	11607	9385	10309	8427	8285	11639	14919	13666	20080	V	
5. Soles (white or lemon)	Q	4	1	2	ϕ	...	1	1	ϕ	1	1	ϕ	2	ϕ	2	...	Q	Soles (Blancs ou limandes) 5.
	V	115	19	103	1	...	14	59	24	65	53	15	168	4	270	...	V	
6. Dabs or Flounder	Q	27	32	26	23	21	36	51	50	31	20	15	53	57	9	5	Q	Limande ou flet 6.
	V	541	508	452	407	482	504	980	1062	555	523	577	3222	6009	792	439	V	
7. Other Flatfish	Q	1	...	ϕ	1	1	3	2	5	1	1	21	21	57	55	25	Q	Autres 7.
	V	23	...	28	22	28	54	50	139	37	30	1270	1720	5987	4944	2410	V	
Cod and Allied Species: Total	Q	515	534	585	806	733	749	1251	743	1141	1172	1857	2209	3061	1887	3596	Q	Total: Morue Et
	V	9579	9020	8341	7967	8338	7695	16197	10661	16158	22624	65698	106751	142511	84372	140449	V	Espèces
8. Cod	Q	140	150	157	127	114	72	157	116	95	176	120	323	132	232	194	Q	Morue 8.
	V	3976	4279	4175	3371	3025	1861	3681	2443	2167	3934	5160	17526	6912	12363	13081	V	
9. Haddock	Q	26	14	3	22	26	14	28	66	75	41	39	40	24	9	2	Q	Aiglefin 9.
	V	635	399	96	493	688	355	681	989	1402	1040	1860	2362	1175	402	83	V	
10. Ling	Q	2	ϕ	2	ϕ	ϕ	2	ϕ	ϕ	..	2	ϕ	...	2	...	...	Q	Lingue 10.
	V	56	11	46	7	8	53	3	9	...	45	10	...	111	...	...	V	
11. Pollock, Saithe, or Coalfish	Q	184	154	231	396	354	198	180	182	104	195	189	125	108	80	117	Q	Merlan jaune ou 11.
	V	2046	1464	1595	2078	1799	1031	1223	1315	1024	2059	5580	6703	5598	3752	5666	V	colin
12. Whiting	Q	163	216	192	261	239	463	886	379	867	758	1509	1721	2795	1566	3283	Q	Merlan 12.
	V	2866	2867	2429	2018	2818	4395	10609	5905	11565	15546	53088	80160	128715	67855	121619	V	
Herring and Allied Species Total	Q	1814	2185	1585	1660	416	1805	1354	2418	2005	1845	1364	1787	948	3421	2586	Q	Total: Hareng et
	V	22042	25677	17810	17093	5132	14725	13009	16146	12845	21152	27358	43043	22810	70867	53609	V	Espèces
13. Herring	Q	1814	2185	1585	1660	416	1805	1354	2418	2005	1845	1364	1787	948	3421	2586	Q	Hareng 13.
	V	22042	25677	17810	17093	5132	14725	13009	16146	12845	21152	27358	43043	22810	70867	53609	V	

SPECIES			1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944		ESPECES	
Other Salt-water Species:	Total	Q	51	18	12	12	16	51	49	73	20	19	61	127	122	481	401	Q	Total: Autres Especes De Mer	
		V	885	171	249	171	206	1270	852	991	382	424	2037	7842	7599	17248	14570	V		
14. Conger Eel		Q	11	10	3	1	2	5	1	7	ϕ	5	34	28	11	23	11	Q	Congre	14.
		V	198	56	63	16	40	107	9	136	4	109	1191	1588	614	1164	499	V		
15. Gurnard		Q	2	1	...	4	ϕ	...	...	1	...	...	...	2	3	72	86	Q	Grondin	15.
		V	32	24	...	55	1	...	...	8	...	...	...	64	134	1676	1804	V		
16. Other Prime Fish b/		Q	5	ϕ	...	...	...	...	6	23	8	1	...	17	8	5	5	Q	Autres poissons b/	16.
		V	213	8	...	...	...	...	128	250	214	99	1	1180	1008	480	678	V		
17. Other White Fish b/		Q	23	1	1	ϕ	...	...	5	28	2	8	12	33	23	175	160	Q	Autres poissons b/ blancs	17.
		V	346	9	20	2	...	...	157	349	35	124	368	2517	1294	7245	7618	V		
18. Fish, n.e.i. b/		Q	10	6	8	7	14	46	37	14	10	5	15	47	77	206	139	Q	Poissons, n.c.a. b/	18.
		V	96	74	166	98	165	1163	558	248	129	92	477	2493	4549	6683	3971	V		
ELASMOBRANCH FISHES:																				
19. Ray or Skate		Q	94	51	54	49	61	73	65	55	69	75	76	48	22	91	68	Q	Raie	19.
		V	2479	1351	1357	848	941	1104	1086	1019	1107	1359	2203	2118	1153	3821	2641	V		
CRUSTACEANS:	Total	Q	148409	142052	208443	168002	121874	100507	94984	151721	97967	56274	28042	19912	58677	59029	53414	Q	Total: CRUSTACES	
(Q = Number)		V	4654	4264	6693	5559	4680	3289	3593	4795	3408	1862	1176	1568	5838	6443	6630	V	(Q = Nombre de)	
20. Crabs (Q = Number)		Q	63075	53611	52326	45472	23094	40581	23432	43603	29770	25255	7632	4616	24040	15228	12134	Q	Crabe (Q = Nombre de)	20.
		V	612	431	475	327	172	277	171	249	164	158	74	116	1285	699	383	V		
21. Lobsters (Q = Number)		Q	85334	88441	156117	122530	98780	59926	71552	108118	68197	31019	20410	15296	34637	43801	41280	Q	Homard	21.
		V	4042	3833	6218	5232	4508	3012	3422	4546	3244	1704	1102	1452	4553	5744	6247	V	(Q = Nombre de)	
MOLLUSCS:	Total c/	Q	224	219	395	512	865	411	186	314	257	110	72	53	48	102	124	Q c/	Total: MOLLUSQUES	
		V	1841	1614	2917	3589	17328	17760	16162	13074	12736	2027	582	45	1085	11764	17411	V		
22. Escallops (Q = Number)		Q	...	...	d/	331800	698328	908701	803290	673776	455220	178632	7164	...	56940	470400	551092	Q	Pétoncles	22.
		V	...	...	...	2679	5025	6946	6224	3946	2989	1301	56	...	595	10311	15285	V	(Q = Nombre de)	
23. Oysters (Q = Number)		Q	1650	2100	ϕ	612560	1580000	2177980	3618000	2934360	3258140	...	...	...	...	...	...	Q	Huîtres	23.
		V	25	32	ϕ	3102	7900	8648	9045	7336	8145	...	...	...	...	...	...	V	(Q = Nombre de)	
24. Periwinkles		Q	208	209	365	255	533	267	118	241	212	110	75	52	47	55	123	Q	Littorines	24.
		V	1569	1471	2464	1602	3219	1716	692	1537	1450	726	526	443	456	651	2080	V		
25. Mussels		Q	...	...	21	155	287	144	68	73	45	...	...	...	1	44	...	Q	Moules	25.
		V	...	...	e/	653	848	450	201	255	152	...	...	...	9	519	...	V		
26. Other Molluscs and Crustaceans		Q	16	10	d/9	102	45	...	...	...	...	...	...	1	...	3	1	Q	Autres mollusques et crustacés	26.
		V	247	111	e/453	553	336	...	...	...	...	...	...	8	25	283	46	V		

SOURCE: Data converted from material contained in: Reports on the Sea and Inland Fisheries of Northern Ireland, Belfast.

NOTE: This table supplements Tables 166 and 167 of FAO Yearbook of Fisheries Statistics, 1947.

a/ Excluding quantities of escallops, crabs, lobsters and oysters which are reported in numbers in the body of the table.
b/ Including negligible quantities of hake, halibut, megrines, witches, and dog-fish..
c/ Excluding quantities of escallops and oysters which are reported in numbers in the body of the table.
d/ 27,950 escallops included with other molluscs and crustaceans.
e/ Value of mussels included with other molluscs and crustaceans.

SOURCE: Chiffres convertis d'après ceux contenus dans: Report on the Sea and Inland Fisheries of Northern Ireland, Belfast.

NOTE: Le présent tableau complète les tableaux 166 et 167 de l'Annuaire Statistique des Pêches, FAO, 1947.

a/ Non compris les quantités de pétoncles, crabes, homards et huitres portées en unités dans le tableau.
b/ Y compris des quantités négligeables de merlus, flétans, cardines, plies cynoglosses et loups de mer.
c/ Non compris les quantités de pétoncles et huitres portées en unités dans le tableau.
d/ 27.950 pétoncles comprises avec "autres mollusques et crustacés".
e/ Valeurs des moules comprises avec "autres mollusques et crustacés".

EXPORT VALUES OF FISHERIES PRODUCTS

In the following pages we present a series of tables showing the value by market countries of fisheries exports from Denmark, Iceland, Newfoundland, Norway and the United Kingdom. These tables are part of a study initiated by the Fisheries Division to examine the changes which have taken place with respect to the relative importance of various market countries. Some of the more important changes which occurred between the pre-war year 1938 and the post-war years 1946 and 1947 are noted below.

Except in the case of the United Kingdom, the total value of exports for the countries given show a great increase in 1946 and 1947 over 1938; and, except for Newfoundland, the total value of exports in 1947 exceeded those for 1946. In the United Kingdom the exports for 1944 amounted to only 5,537 pounds sterling; however, the 1947 total was 3,630,429 pounds sterling, approximately 95 percent of the 1938 figure.

The total value of fisheries products exported from Iceland increased from 48,680 thousand Icelandic kronur in 1938 to 264,709 thousand Icelandic kronur in 1948. U.S.S.R. has become the most important new market for products of these fisheries, taking over 20 percent of the total value of exports in both 1946 and 1947. The United Kingdom, which took 89.5 percent of the value of Icelandic exports in 1944, dropped to 38.1 percent in 1947.

Denmark opened many new markets for fisheries products in 1946 and 1947 compared with 1938. Exports to Italy increased from 2.7 percent of the total value in 1938 to 16.7 percent in 1947.

Exports to the United States of America accounted for 23.6 percent of the total value of exports from Newfoundland compared with 9.3 percent in 1938; while the value of exports to the United Kingdom dropped from 12.5 percent in 1938 to only 1.8 percent in 1947. The value of exports to Canada more than doubled in 1947 compared with 1938.

In regard to Norway no great changes occurred in the percentages exported to the various market countries. Exports to U.S.S.R. amounted to 0.1 percent in 1938; 3.5 percent in 1946; and 5.5 percent in 1947; while exports to the United States of America fell from 12.9 percent in 1938 to 6.7 percent in 1947.

In some cases, data for the years 1946 and 1947 were supplied through the courtesy of governmental agencies in the countries concerned. More tables of this nature are being prepared and will appear in a future issue of the Fisheries Bulletin.

Table 34. - United Kingdom: Exports of Fisheries Products
(Value in English pounds sterling)

Tableau 34. - Royaume-Uni: Exportations des Produits de la Peche
(Valeurs en livres sterling)

Market Country	1938		1944		1946		1947 a/		Designation du marché
	Value	Percent of Total	Value	Percent of Total	Value	Percent of Total	Value	Percent of Total	
	Valeur	Pourcentage du Total	Valeur	Pourcentage du Total	Valeur	Pourcentage du total	Valeur	Pourcentage du Total	
TOTAL	3,870,262	100.0	5,537	100.0	2,693,508	100.0	3,730,429	100.0	TOTAL
Eire	230,945	6.0	-	-	12,304	0.4	26,219	0.7	Eire
Channel Islands	41,726	1.1	-	-	80,157	3.0	106,924	2.9	Iles Anglo-Normandes
Malta and Gozo	17,093	0.4	865	15.6	21,727	0.8	27,020	0.8	Malte et Gozo
Palestine including Trans-Jordan	15,747	0.4	-	-	85,127	3.2	b/138,351	3.8	Palestine(y compris la Transjordanie)
British West Africa	8,029	0.2	116	2.1	13,983	0.5	19,012	0.5	Afrique Occidentale Britannique
Union of South Africa and South-West Africa Territory	115,231	3.0	-	-	74,452	2.8	151,635	4.2	Territoire Sud et Sud-Ouest de l'Union Afficaine
British India/Pakistan	20,242	0.5	-	-	1,547	0.1	20,973	0.5	Inde Britannique/Pakistan
Burma	2,377	0.1	-	-	547	ϕ	2,184	0.1	Birmanie
Straits Settlements and Dependencies (including Labuan)	8,659	0.2	-	-	2,336	0.1	c/10,197	0.3	Etablissements du Détroit et "Décendances" (y compris l'Ile Labuan)
Australia	241,078	6.2	-	-	173,994	6.6	475,701	13.2	Australie
New Zealand	49,185	1.3	-	-	15,868	0.6	51,258	1.4	Nouvelle Zélande
Canada	17,795	0.5	-	-	776	ϕ	11,546	0.3	Canada
British West India Islands	7,282	0.2	-	-	1,661	0.1	24,935	0.7	Indes Occidentales Britanniques
British Guiana	7,363	0.2	-	-	551	ϕ	506	ϕ	Guyane Anglaise
Other British Countries	37,842	1.0	1,984	35.8	65,938	2.4	123,917	3.4	Autres pays britanniques
U.S.S.R.	27,979	0.7	-	-	26	ϕ	-	-	U.R.S.S.
Finland	13,700	0.4	-	-	125	ϕ	116,116	3.2	Finlande
Estonia	53,611	1.4	-	-	-	-	-	-	Estonie
Latvia	118,642	3.1	-	-	-	-	-	-	Latvie
Lithuania	107,248	2.8	-	-	-	-	-	-	Lituanie
Sweden	13,907	0.4	-	-	6	ϕ	526	ϕ	Suède
Poland (including Danzig)	577,504	14.9	-	-	506,739	18.6	254,040	7.0	Poland Pologne (y compris
Germany	1,043,005	26.8	-	-	939,058	34.9	1,207,108	33.5	Allemagne
Netherlands	50,259	1.3	-	-	8,310	0.3	972	ϕ	Pays-Bas
Belgium	56,128	1.4	-	-	7,907	0.3	6,050	0.2	Belgique
France	142,500	3.7	83	1.5	3,135	0.1	2,421	0.1	France
Algeria	-	-	954	17.2	-	-	-	-	Algérie
Portugal	5,801	0.1	-	-	665	ϕ	258	ϕ	Portugal
Spain	121,213	3.1	-	-	-	-	-	-	Espagne
Italy	157,583	4.1	4	0.1	55,101	2.0	252,995	7.0	Italie
Greece	116,466	3.0	-	-	217,846	8.2	106,101	2.9	Grèce
Egypt	58,598	1.5	11	0.2	89,923	3.3	169,196	4.7	Egypte
United States of America	106,521	2.8	-	-	40,489	1.5	74,750	2.0	Etats-Unis
Cuba	28,862	0.7	-	-	11,728	0.4	20,005	0.5	Cuba
Brazil	144,183	3.7	-	-	40,980	1.5	97,969	2.6	Bresil
Argentine Republic	41,234	1.1	-	-	21,627	0.8	9,353	0.2	Argentine
Other Foreign Countries	64,724	1.7	1,520	27.5	198,875	7.5	121,965	3.3	Autres pays étrangers
Trans-Jordan	(d)	(d)	(d)	(d)	(d)	(d)	226	ϕ	Transjordanie

SOURCES: "Annual Statement of the Trade of the United Kingdom with British Countries and Foreign Countries." (1938 and 1944) Statistical Office, H.M. Customs and Excise (1946 and 1947)

a/ Preliminary data
b/ Palestine only
c/ Singapore only
d/ Included with Palestine

Table 35 - Norway Exports of Fisheries Products
(Value in 1,000 Norwegian Kroner)

Tableau 35. Norvège Exportations des Produits de la Peche
(Valeurs en milliers de Kroner Norvégiens)

Market Country	1938 Value / Valeur	1938 Percent of Total / Pourcentage du Total	1944 Value / Valeur	1944 Percent of Total / Pourcentage du Total	1946 Value / Valeur	1946 Percent of Total / Pourcentage du Total	1947 Value / Valeur	1947 Percent of Total / Pourcentage du Total	Designation du marché
TOTAL	149,372	100.0	181,685	100.0	378,024	100.0	509,409	100.0	TOTAL
Belgium and Luxembourg	3,348	2.2	25	ϕ	13,034	3.5	18,014	3.5	Belgique et Luxembourg
Bulgaria	103	0.1	-	-	719	0.2	238	1	Bulgarie
Denmark	1,825	1.2	535	0.3	6,324	1.7	8,991	1.8	Danemark
Estonia	135	0.1	-	-	-	-	-	-	Estonie
Finland	718	0.5	52	ϕ	1,453	0.4	5,344	1.1	Finlande
France	5,236	3.5	-	-	20,327	5.4	8,530	1.7	France
Faroe Islands	13	ϕ	-	-	33	ϕ	45	ϕ	Iles Faroé
Greece	101	0.1	-	-	6,081	1.6	2,260	0.4	Grèce
Eire	504	0.3	-	-	51	ϕ	2,777	0.6	Irlande
Iceland	1	ϕ	-	-	- -	-	- -	--	Islande
Italy	11,606	7.8	123	.1	40,619	10.8	46,165	9.1	Italie
Yugoslavia	526	0.4	-	--	12	ϕ	108	ϕ	Yougoslavie
Latvia	81	.1	-	-	-	-	-	-	Latvie
Lithuania	44	ϕ	-	-	-	-	-	-	Lituanie
Netherlands	3,653	2.4	4	ϕ	7,589	2.0	11,961	2.4	Pays-Bas
Poland	3,066	2.1	-	-	9,311	2.5	17,219	3.4	Pologne
Portugal	12,570	8.4	-	-	21,017	5.6	38,809	7.6	Portugal
Rumania	382	0.3	-	-	50	ϕ	-	-	Roumanie
USSR	117	0.1	-	-	13,318	3.5	28,194	5.5	U.R.S.S.
Spain	4,610	3.1	-	-	5,520	1.5	6,364	1.3	Espagne
United Kingdom	24,439	16.4	-	-	37,872	10.0	87,509	17.3	Royaume-Uni
Switzerland	1,247	0.8	11	ϕ	3,550	0.9	5,648	1.1	Suisse
Sweden	8,771	5.9	107	.1	30,633	8.1	41,978	8.2	Suède
Czechoslovakia	1,840	1.2	-	-	15,960	4.2	14,890	2.9	Tchécoslavaquie
Turkey	158	0.1	-	-	29	ϕ	454	.1	Turquie
Germany	27,026	18.1	180,814	99.5	59,580	15.8	31,361	6.2	Allemagne
Hungary	407	0.3	14	ϕ	104	ϕ	261	.1	Hongrie
Austria	-	-	-	-	14	ϕ	4,046	0.8	Autriche
Gibraltar	14	ϕ	-	-	202	ϕ	217	ϕ	Gibraltar
Albania	30	ϕ	-	-	-	-	159	ϕ	Albanie
Spitzbergen	29	ϕ	-	-	143	ϕ	219	ϕ	Spitzbergen
Egypt	138	0.1	-	-	2,428	0.6	3,235	0.6	Egypte
Anglo-Egyptian Sudan	18	ϕ	-	-	-	-	17	ϕ	Soudan Anglo-égypien
Ethiopia	-	-	-	-	-	-	51	ϕ	Etiopie
Liberia	222	0.1	-	-	35	ϕ	110	ϕ	Libérie
Belgian Congo	29	ϕ	-	-	40	ϕ	494	0.1	Congo Belge
Rhodesia	39	ϕ	-	-	-	-	32	ϕ	Rhodésie
Union of South Africa	1,326	0.9	-	-	409	0.1	7,388	1.5	Union Sud-Africaine
West Africa	5,307	3.6	-	-	1,606	0.5	3,898	0.8	Afrique Occidentale
East Africa	22	ϕ	-	-	-	-	799	0.2	Afrique Orientale
Other South African Countries	6	ϕ	-	-	-	-	-	-	Centres pays sud africains
Algeria	9	ϕ	-	-	10	ϕ	-	-	Algérie
Madagascar	1	ϕ	-	-	10	ϕ	222	ϕ	Madagascar
Morocco	24	ϕ	-	-	3	ϕ	55	ϕ	Maroc
Tunisia	5	ϕ	-	-	-	-	-	-	Tunisie
French West Africa	14	ϕ	-	-	-	-	58	ϕ	Afrique Occ. francaise
Other French Africa	555	0.4	-	-	14	ϕ	23	ϕ	Autres possessions françaises Africaines
French Somaliland	-	-	-	-	1	ϕ	-	-	Somaliland française
Libya	-	-	-	-	-	-	9	ϕ	Lybie
Cape Verde Is.	379	0.3	-	-	1,716	0.5	1,782	0.3	Iles Cape Verde
Canary Islands	14	ϕ	-	-	-	-	-	-	Iles Canaries

Table 35. - Norway Exports of Fisheries Products
(Value in 1,000 Norwegian Kroner) (Conclusion)

Tableau 35. - Norvège Exportations des Produits de la Peche
(Valeurs en milliers de Kroner Norvégiens) (Fin)

Market Country	1938 Value / Valeur	1938 Percent of Total / Pourcentage du Total	1944 Value / Valeur	1944 Percent of Total / Pourcentage du Total	1946 Value / Valeur	1946 Percent of Total / Pourcentage du Total	1947 Value / Valeur	1947 Percent of Total / Pourcentage du Total	Designation du marché
Spain Morocco	1	ϕ	-	-	-	-	-	-	Espagne
Canada	1,479	1.0	-	-	2,993	0.8	4,037	0.8	Canada
United States of America	19,270	12.9	-	-	37,320	9.9	34,013	6.7	Etats-Unis d'Amerique
Newfoundland	4	-	-	-	-	-	-	-	Terre Neuve
Costa Rica	46	ϕ	-	-	25	ϕ	58	ϕ	Costa Rica
Cuba	1,558	1.1	-	-	11,811	3.1	18,278	3.6	Cuba
Dominican Republic	28	ϕ	-	-	44	ϕ	15	ϕ	Rep. Dominicaine
Guatemala	18	ϕ	-	-	18	ϕ	78	ϕ	Guatémala
Haiti	3	ϕ	-	-	-	ϕ	50	ϕ	Haiti
Honduras	1	ϕ	-	-	8	ϕ	6	ϕ	Honduras
Jamaica	12	ϕ	-	-	6	ϕ	50	ϕ	Jamaique
Mexico	336	0.2	-	-	2,230	0.6	1,571	0.3	Mexique
Nicaragua	4	ϕ	-	-	-	-	6	ϕ	Nicaragua
Panama	67	ϕ	-	-	11	ϕ	57	ϕ	Panama
El Salvador	16	ϕ	-	-	28	ϕ	53	ϕ	Salvador
Other British West Indies	32	ϕ	-	-	6	ϕ	138	ϕ	Autres Indes Occidentales Brit.
Puerto Rico	91	.1	-	-	8	ϕ	15	ϕ	Puerto Rico
French West Indies	11	ϕ	-	-	-	-	226	ϕ	Ind.Occ. Française
Netherlands West Ind.	100	0.1	-	-	15	ϕ	271	ϕ	Ind.Occ.Nerlandaises
Argentina	1,885	1.3	-	-	5,407	1.4	6,845	1.3	Argentine
Bolivia	47	ϕ	-	-	6	ϕ	55	ϕ	Bolivie
Brazil	390	0.3	-	-	11,233	3.0	21,608	4.2	Brésil
Chile	115	0.1	-	-	38	ϕ	70	ϕ	Chili
Colombia	43	ϕ	-	-	227	.1	160	ϕ	Colombie
Ecuador	16	ϕ	-	-	19	ϕ	99	ϕ	Equateur
Falkland Islands	-	-	-	-	20	ϕ	46	ϕ	Iles Falkland
Paraguay	19	ϕ	-	-	37	ϕ	21	ϕ	Paraguay
Peru	116	0.1	-	-	64	ϕ	98	ϕ	Pérou
Uruguay	247	0.2	-	-	919	0.3	640	0.1	Uruguay
Venezuela	68	ϕ	-	-	99	ϕ	257	0.1	Venezuela
British Guiana	2	ϕ	-	-	-	-	9	ϕ	Guiane Britanique
Dutch Guiana	4	ϕ	-	-	14	ϕ	77	ϕ	Guiane Neerlandaise
Arabia	2	ϕ	-	-	-	-	18	ϕ	Arabie
China	0.126	0.1	-	-	890	0.2	193	ϕ	Chine
Iraq	22	ϕ	-	-	13	ϕ	59	ϕ	Irak
Japan	1	ϕ	-	-	-	-	-	-	Japon
Manchuria	1	ϕ	-	-	-	-	-	-	Mandchourie
Palestine	155	0.1	-	-	4,176	1.1	7,318	1.4	Palestine
Iran	1	ϕ	-	-	25	ϕ	7	ϕ	Iran
Siam	4	ϕ	-	-	4	ϕ	1	ϕ	Siam
Syria	39	ϕ	-	-	17	ϕ	50	ϕ	Syrie
British India/Pakistan	162	0.1	-	-	6	ϕ	18	ϕ	Inde Brittanique Pakistan
British Malacca	10	ϕ	-	-	46	ϕ	9	ϕ	Malacca Britanique
Ceylon	10	ϕ	-	-	1	ϕ	2	ϕ	Ceylan
Hong Kong	3	ϕ	-	-	74	ϕ	75	ϕ	Hong Kong
Other British Asia	4	ϕ	-	-	124	0.1	1,208	0.2	Autres poss.Brit.enAsie
French Indo-China	1	ϕ	-	-	-	-	-	-	Indo-Chine Franç
Philippine Republic	29	ϕ	-	-	115	ϕ	31	ϕ	Rep. Des Philippines
Netherlands East Indies	90	o ϕ	-	-	1	ϕ	78	ϕ	Ind. Orientales Neerlandaises
Portuguese East Indies	-	-	-	-	1	ϕ	11	ϕ	Indes Orientales Portugaises
Australia	1,499	1.0	-	-	-	-	10,673	2.1	Australie
Hawaii	1	ϕ	-	-	-	-	-	-	Hawaii
New Zealand	459	0.3	-	-	28	ϕ	797	0.2	Nouvelle Zélande
Oceania	8	ϕ	-	-	-	-	19	ϕ	Oceanie

Table 36.-Denmark: Exports of Fisheries Products
(Values in thousands of Danish Kroner)

Tableau 36. - Danemark: Exportations des Produits de la Peche
(Valeurs en milliers de kroners

Market Country	1938		1946		1946		1947		Designation du marché
	Value	Percent of Total	Value	Percent of Total	Value	Percent of Total	Value	Percent of Total	
	Valeur	Pourcentage du total	Valeur	Pourcentage du total	Valeur	Pourcentage du total	Valeur	Pourcentage du total	
TOTAL	35 843	100.0	138,413	100	154.904	100.0	164.878	100.0	TOTAL
Germany	10,874	30.3	128,169	92 7	23,803	15.4	12,173	7.4	Allemagne
United Kingdom	16,479	46 0	-		76,601	49.5	76,768	46.6	Royaume-Uni
Norway	623	1.8	-		223	0.1	385	0.2	Norvège
Sweden	2,553	7.1	1,700	1.2	4,234	2.7	4,573	2.8	Suède
Finland	4	ϕ	16	ϕ	3,412	2.2	3,126	1.9	Finlande
Estonia	1	ϕ	-	-	-	-		-	Estonie
Lithuania	8	ϕ	-	-	-	-	-	-	Lituanie
Poland and Danzig	94	0.3	-	-	690	0.4	1 439	0.9	Pologne et Dantzig
Netherlands	865	2.4	1,312	1.0	806	0.5	1,746	1.1	Pays-Bas
Belgium a/	1,763	4.9	1,196	.9	16,125	10.8	16,630	10.1	Belgique
France	256	0.7	37	ϕ	292	0.2	1,735	1.1	France
Portugal	13	ϕ	-	-	714	0.5	2d	ϕ	Portugal
Spain	8	ϕ	-	-	ϕ	-	ϕ	ϕ	Espagne
Italy	949	2.7	-	-	12,798	8.3	27,556	16.7	Italie
Switzerland	771	2.2	5,163	3.7	4,513	2.9	3,749	2.3	Suisse
Czechoslovakia	211	0.6	460	0.3	3,137	2.0	6,283	3.9	Tchécoslovaquie
Austria	68	0.2	-	-	95	0.1	4,85[illegible]	2.9	Autriche
Hungary	17	0.1	337	0.2	28	ϕ	540	0.3	Hongrie
Romania	3	ϕ	-	-	-	-		-	Roumanie
Greece	71	0.2	-	-	82	0.1	66	.1	Grèce
Other European Countries	37	0.1	23	ϕ	-	-		-	Autres pays européens
Canada	3	ϕ	-	-	2	ϕ	1	ϕ	Canada
United States of America	1	0.1	-	-	381	0.2	358	0.2	Etats-Unis
West Indies	6	ϕ	-	-	-	-	1	ϕ	Indes Occidentales
Brazil	10	ϕ	-	-	1,422	0.9	421	0.3	Brésil
Argentina	3	ϕ	-	-	194	0.1	243	0.2	Argentine
Uruguay	1	ϕ	-	-	-	-	12	ϕ	Uruguay
Peru	2	ϕ	-	-	-	-	-	-	Pérou
Venezuela	5	ϕ	-	-	104	0.1	2	ϕ	Venezuela
Other South American Countries	1	ϕ	-	-	68	ϕ		-	Autres pays de l'Amérique du Sud

Market Country	1938		1944		1946		1947		Designation du marché
	Value / Valeur	Percent of Total / Pourcentage du Total	Value / Valeur	Percent of Total / Pourcentage du Total	Value / Valeur	Percent of Total / Pourcentage du Total	Value / Valeur	Percent of Total / Pourcentage du Total	
East Africa	1	ϕ	-	-	-	-	-	-	Est-Afrique
Southwest Asia	61	0.2	-	-	-	-	-	-	Asie du Sud-Ouest
India	-	ϕ	-	-	-	-	-	-	Inde
Netherlands East Indies	1	ϕ	-	-	-	-	-	-	Indes Orientales Néerlandaises
British Malaya	1	ϕ	-	-	-	-	-	-	Malaisie Britannique
China	3	ϕ	-	-	1	ϕ	-	-	Chine
Australia	1	ϕ	-	-	-	-	518	0.3	Australie
New Zealand	2	ϕ	-	-	-	-	59	ϕ	Nouvelle Zélande
Faroe Islands	4	ϕ	-	-	-	-	-	-	Iles Faroe
Greenland	2	ϕ	-	-	-	-	-	-	Groenland
Palestine	-	-	-	-	282	0.2	697	0.4	Palestine
Malta	-	-	-	-	26	ϕ	156	0.1	Malte
Luxemborg	-	-	-	-	46	ϕ	-	-	Luxembourg
UNRRA	-	-	-	-	4,937	3.2	-	-	UNRRA
Madeira	-	-	-	-	-	-	8	ϕ	Madère
Gibraltar	-	-	-	-	-	-	21	ϕ	Gibraltar
North Africa	-	-	-	-	18	ϕ	-	-	Afrique du Nord
Nyassa Africa	-	-	-	-	-	-	5	ϕ	
Central America	-	-	-	-	-	-	3	ϕ	Amérique Centrale
Rhodesia	-	-	-	-	-	-	143	0.1	Rhodesie
Curaçao	-	-	-	-	142	.1	24	ϕ	Curaçao
Mexico	-	-	-	-	14	ϕ	2	ϕ	Mexique
Portugal East Africa	-	-	-	-	58	ϕ	-	-	Afrique Orientale Portugaise
Cyprus	-	-	-	-	76	0.1	81	0.1	Chypre
Cuba	-	-	-	-	127	0.1	-	-	Cuba
Dutch West Indies	-	-	-	-	15	ϕ	3	ϕ	Indes Occidentales
Philippine Islands	-	-	-	-	17	ϕ	6	ϕ	Ile des Philippines
Iceland	-	-	-	-	-	-	13	ϕ	Islande
Ireland	-	-	-	-	-	-	15	ϕ	Irlande
Columbia	-	-	-	-	-	-	59	ϕ	Colombie
Ecuador	-	-	-	-	-	-	11	ϕ	Equateur
Iraq	-	-	-	-	-	-	52	ϕ	Irak
Haiti	-	-	-	-	-	-	3	ϕ	Haïti
Arabia	-	-	-	-	-	-	13	ϕ	Arabie
Africa	-	-	-	-	-	-	44	ϕ	Afrique
Abyssinia	-	-	-	-	-	-	8	ϕ	Abyssinie
Middle Africa	-	-	-	-	-	-	12	ϕ	Afrique Centrale
Bolivia	-	-	-	-	-	-	28	ϕ	Bolivie
Syria	-	-	-	-	-	-	1	ϕ	Syrie
Sudan	-	-	-	-	-	-	ϕ	ϕ	Sudan
French Africa	-	-	-	-	-	-	2	ϕ	Afrique Française
Egypt	4	ϕ	-	-	243	.2	23	ϕ	Egypte
Morocco	5	ϕ	-	-	-	-	-	-	Maroc
West Africa	7	ϕ	-	-	ϕ	ϕ	-	-	Afrique Occidentales
Belgian Congo	2	ϕ	-	-	36	ϕ	9	ϕ	Congo Belge
Union of South Africa	26	0.1	-	-	133	0.1	60	ϕ	Union Sud-Africaine
Other South African Countries	2	ϕ	-	-	-	-	-	-	Autres pays Sud Africains

a/ Including Luxembourg in 1938

Sources: 1938 and 1944 Danmarks Vareindforsel Og-Udforsel; 1946 and 1947 Letter dated March 24, 1948 from Fiskeriministeriet, Copenhagen.

Table 37 Newfoundland: Exports of Fish and Fishery Products
(Value in Canadian dollars)

Tableau 37 Terre-Neuve: Exportations des Produits de la Pêche
(Valeurs en dollars Canadiens)

Market Country	1933		194.		1946		1947		Designation du marché
	Value / Valeur	Perce t of Total / Pourcentage du total	Value / Valeur	Percent of Total / Pourcentage du total	Value / Valeur	Percent of Total / Pourcentage du total	Value / Valeur	Percent of Total / Pourcentage du total	
TOTAL	$7,320,006	100.0	$21,619,986	100.0	$33,839,040	100.0	$26,282,543	100.0	
Portugal	985.786	13.5	3,198,627	14.8	2,876,677	8.5	2,535,934	9.6	Portugal
Spain	42,744	.6	1,287,263	6.0	2,454,887	7.3	1,093,500	4.2	Espagne
Italy	824,784	11.3	3,000	ϕ	3,505,409	10.4	1,712,933	6.5	Italie
Greece	434,597	5.9	1,407,355	6.5	1,102,424	3.3	83,700	.3	Grèce
United Kingdom	918,135	12.5	2,572,551	11 9	2,541,879	7.5	474,740	1.8	Royaume-Uni
Brazil	771,051	10.5	338,817	1.6	811,274	2.4	1,250,786	4.8	Brésil
United States of America	676,846	9.3	3,999,243	18.5	7,397,065	21.9	6,195,289	23.6	Etats-Unis
Canada	665,758	9.1	2,843,237	13.2	3,900,838	11.5	4,888,581	18.6	Canada
Jamaica	590,518	8.1	1,988,097	9.2	1,728,713	5.1	1,983,067	7.5	Jamaique
Barbados	169,929	2.3	254,432	1.2	229,849	.7	231,147	.9	Barbados
Trinidad	77,738	1.1	384,022	1.8	223,387	.7	241,619	.9	Trinité
Puerto Rico	855,535	11.7	1,885,673	8.7	2,432,785	7.2	2,555,974	9.7	Puerto Rico
Cuba	102,360	1.4	32,530	.1	69,903	.2	78,206	.3	Cuba
Netherlands	1,030	ϕ	-	-	36,568	.1	-	-	Pays-Bas
Sweden	10,486	.1	-	-	15,372	ϕ	12,006	.1	Suède
France	4,500	.1	-	-	2,100	ϕ	4,974	ϕ	France
Burma	3,218	ϕ	-	-	-	-	-	-	Birmanie
China	36,198	.5	-	-	42,911	.1	-	-	Chine
Hong-Kong	37,782	.5	-	-	-	-	118,854	.5	Hong-Kong
Manila	394	ϕ	-	-	-	-	2,062	ϕ	Manille
Singapore	4,950	.1	-	-	-	-	28,372	.1	Singapour
New Zealand	-	-	22,919	.1	11,710	ϕ	-	-	Nouvelle-Zélande
Turkey	-	-	75,861	.3	-	-	-	-	Turquie
Ireland	-	-	26,250	.1	-	-	18,854	.1	Irlande
Australia	-	-	98,824	.5	70	ϕ	51	ϕ	Australie
Switzerland	-	-	41,902	.2	-	-	165,910	.6	Suisse
Finland	-	-	-	-	35,283	.1	-	-	Finlande
Czechoslovakia	-	-	-	-	48,133	.1	-	-	Tchécoslovaquie
Sundry West Indies	17,680	.2	746,944	3.4	1,052,602	3.1	1,032,158	3.9	Antilles
Other markets not specified	87,987	1.2	412,439	1.9	3,319,201a/	9.8	1,573,826	6.0	Autres pays non spécifiés

a/ Including UNRRA purchases to the value of $3,084,897.

Source: Fisheries Board, Statistical Division. St. John's.

Table 38. - Iceland: Exports of Fisheries Products
(Values in 1,000 Icelandic kronur)

Tableau 38. - Islande: Exportations des Products de la Peche
(Valeurs en milliers de kronur Islandais)

Market Country	1938		1944		1946		1947		Designation du marché
	Value	Percent of Total	Value	Percent of Total	Value	Percent of Total	Value	Percent of Total	
	Valeur		Valeur	Pourcentage du Total	Valeur	Pourcentage du total	Valeur	Pourcentage du total	
TOTAL	48,680	100.0	221,942	100.0	242,865	100.0	264,709	100.0	TOTAL
Algeria	-	-	224	0.1					Algerie
Argentina	632	1.3	-	-	-	-	-	-	Argentine
Australia	-	-	48	ϕ	47	ϕ	-	-	Australie
Belgium	387	0.8	-	-	985	0.4	3,708	1.4	Belgique
Brazil	1,332	2.7	-	-	209	0.1	117	ϕ	Bresil
Canada	14	ϕ	68	ϕ	31	ϕ	4	ϕ	Canada
Czechoslovakia	11	ϕ	-	-	7,811	3.2	14,162	5.3	T hécoslovaquie
Cuba	673	1.4	163	0.1	-	-		-	Cuba
Denmark	4,330	8.9	-	-	3,343	1.4	3,389	1.3	Danemark
East Africa	2	ϕ	-	-	-	-	-	-	Afrique Orientale
Faroe Islands	2	ϕ	272	0.1	119	0.1	178	0.1	Iles Faroe
France	248	0.5	-	-	8,748	3.6	12,135	4.6	France
Finland	14	ϕ	-	-	1,406	0.6	1,439	0.6	Finlande
Germany	5,088	10.5	-	-	282	0.1	5,032	1.9	Allemagne
Greece	2	ϕ	-	-	10,431	4.3	13.208	5.0	Grece
Indonesia	-	-	-	-	-	-	44	ϕ	Indonésie
Iréland	16	ϕ	-	-	-	-	-	-	Irlande du Nord
Eire	-	-	-	-	794	0.3	448	0.2	Eire
Italy	4,819	9.9	-	-	3,445	1.4	24,104	9.1	Italie
Morocco	-	-	224	0.2	-	-		-	Maroc
Netherlands	2,033	4.2	-	-	3,425	1.4	6,035	2.3	Pays-bas
Norway	3,708	7.6	-	-	909	0.4	4,514	1.7	Norvege
Palestine	1	ϕ	-	-	-	-	1,316	0.5	Palestine
Poland and Danzig	660	1.4	-	-	-	-	10	ϕ	Pologne et Dantzig
Portugal	874	1.8	-	-	7	ϕ	2	ϕ	Portugal
Spain	2,916	6.0	-	-	-	-	-	-	Espagne
Sweden	5,423	11.1	-	-	14,845	6.1	5,032	1.9	Suéde
Switzerland	173	0.4	-	ϕ	1,617	0.7	390	0.1	Suisse
Tunisia	-	-	-	-	-	-	-	-	Tunisie
U.S.S.R.	-	-	-	-	57,686	23.7	54,245	20.5	U R.S.S
United Kingdom	10,041	20.7	198,654	89.5	89,089	36.7	100,837	38.1	Royaume-Uni
United States of America	5,195	10.7	22,200	10.0	37,636	15.5	14,360	5.4	Etats-Unis
Uruguay	64	0.1	-	-	-	-	-	-	Uruguay
West Africa	3	ϕ	-	-	-	-	-	-	Afr. Occidentale
Other Countries not specified	19	ϕ	-	-	-	-	-	-	Autres pays non spécifiés

Sources: 1938 and 1944 Verzlunarskýslur. Reykiavík.

1946 and 1947 Fiskifelag Islands Reykiavík (Fisheries Association of Iceland)

SURVEY OF WORLD FISHERIES

Egypt

The Kingdom of Egypt has an area of 1 million square kilometers and a population of 19 million. Her total coastline on the Mediterranean and the Red Seas is about 2,400 kilometers.

The fisheries are grouped under three main divisions: (a) the sea fisheries on the Mediterranean and Red Seas and along the Suez Canal, (b) the lake fisheries around the mouth delta of the Nile and in the Faiyum Province, and (c) the inland fisheries of the Nile River and the irrigation system of the country (1).

The total annual production of all the fisheries of Egypt is estimated between 53,000 and 60,000 metric tons per annum, valued at the landing places at about $8,000,000. The estimated production of the sea fisheries is about 13,500 metric tons, the lake fisheries produce about 28,300 metric tons and the inland fisheries produce about 15,000 metric tons. The total number of fishermen, including only the primary producers and not the traders, is about 60,000 men and 15,000 boys (1).

The sea fisheries are divided into three groups: (a) the sardine fisheries, (b) the inshore fisheries, and (c) the trawling fisheries (1).

About 9,650 fishermen and a fleet of about 1,000 sailing boats and 70 motor boats produce annually 4,000 metric tons of sardines (Sardinella aurita and S. eba). Seventy percent of the sardine catch consists of "Allache" (S. aurita) which are valued for their size and taste. A smoking establishment is functioning at Aboukir. The sardine fishery is seasonal and lasts from the beginning of August until the beginning of December when the sardine shoals congregate near Rosetta and Damietta when the Nile floods temporarily breach the sudds to infiltrate the adjacent marine areas with silt and salts fertilizing these areas for planktonic development. Because of its seasonal nature, a better utilization of this resource requires the establishment of curing plants. Although the sardine fishery is most intensively exploited in the neighborhood of the Nile Delta, it is not purely an Egyptian fishery, as sardine fisheries are also exploited by the fishermen along the coasts of Palestine, Lebanon, Syria and Cyprus, (1,2).

The inshore fisheries, the second group of the Egyptian marine fisheries, are located all along the two coastlines of Egypt, both on the Mediterranean and on the Red Seas. About 12,400 men and 785 sailing boats and 1,742 rowing boats produce annually about 3,500 metric tons. In the Red Sea, about 500 sailing boats, (of the relatively primitive Red Sea or dhow type) with an average group of about 5 men using seines, drift-nets and hook-lines of various makes, are operating. These boats are owned individually or by small partnerships (1,3).

Before the war, trawling activities in Egyptian waters attained some magnitude as about 50 Italian trawlers operated there. During the war years, the increased demand for fish, as a result of the armies based in Egypt and the commercial propaganda of the Fisheries Administration, encouraged Egyptians to expand their fisheries and Egypt now has a fleet of 155 motor-boats of which 85 are trawlers. The trawlers employ 1,020 men and land about 6,000 metric tons annually. Eighteen of the trawlers are in the Red Sea and at Suez, 30 at Port Said and Damietta, and 37 at Alexandria and Rosetta (1,2).

The sponge fishery of Egypt is conducted by a dozen boats operating under license from the Egyptian Government and along the west coast of Alexandria some of the highest quality sponges are obtained. These sponge beds were overfished before the war but, as a result of a resting period of several years plus scientific investigation and the application of modern scientific materials or methods to sponge farming, an optimum yield may be arrived at and maintained.

The lake fisheries of Egypt consist of fisheries in the Lakes of Menzaleh, Borrulus, Edkow, Mariout, Karoun and the two Depressions of Bardaweel and Port-Fouad. The table on this page shows the area, number of men and boys, total production, average yield per hectare and number of rowing and sailing boats for each of these lakes. About 19,000 men and 9,500 boys plus 5,724 rowing and sailing boats produce from a total lake area of 2,568 square kilometers annually 27,500 metric tons of lake fish. The Depression of Bardaweel's annual production is about 500 metric tons of grey mullet (a saltwater species) and that of Port-Fouad is about 250 to 350 metric tons of saltwater fish (1,2).

The development of inland fisheries depends upon the economic utilization of the waters of the Nile. The requirements of the irrigation policies for agricultural land have to be reconciled with the needs for the development of the inland fisheries. About 18,278 men and 4,000 boys, and 3,142 sailing and rowing boats and an additional 711 boats on the leased zones produce an annual quantity of about 15,000 metric tons. It is considered that the Nile, its tributaries and the canals and the irrigation drains ought to produce much more fish than under the present conditions. An increasing interest is taken in fish-farming and carp has been established in various fish ponds(1).

The Fisheries Administration of Egypt is giving attention to conservation and the prevention of over-fishing, to improve the working conditions and hygienic conditions of fishing craft, to encourage the development of the fisheries and to protect consumer interests (1).

Several countries, in addition to Egypt, border on the Red Sea; the northern tip of this Sea, the Gulf of Suez, are surrounded by Egyptian territory and it is near the Egyptian markets. The productivity of this area, where the fish is caught by long lines and shore nets, is higher than in the Mediterranean. During the war, the Military authorities established temporarily a smoking plant to preserve supplies for the Armies. The Gulf of Aquaba might be a source of some supplies of fish for the markets of Palestine and Trans-Jordan but the potential stock of

fish here does not appear to offer great possibilities of development. Further down the Red Sea, the lack of suitable harbors and the desert hinterland separating the shore area of the inland markets might prevent important developments along this coastline (2).

The annual consumption of fish in Egypt has been estimated to be around 3.0 kg. per capita per annum (the weight basis of this computation has not been stated). As the country cannot produce enough, supplies have to be imported. Table 43 of the FAO Yearbook of Fishery Statistics, 1947, gives a detailed picture of Egyptian imports during the period 1931 to 1944. In 1938 as a prewar year, Egypt imported a negligible amount of fresh fish; she imported about 5,600 metric tons of dried, salted or smoked cod, herring, sardines and other fish, nearly 800 metric tons of preserved salmon, herring, sardines, tuna and other fish, and 2,000 metric tons of crustaceans and molluscs. In addition to these imports from foreign countries there is the trade between Egypt and the Sudan, the latter country produced from the dams and the rivers of the Nile valley, small fish which are wet-salted and packed in metal tins. This product called "faseekh" is imported in quantities varying from 1,000 metric tons in 1940 to nearly 2,000 in 1942 and 1943 (2). Egyptian exports and reexports to foreign countries and the Sudan are not very large and the only products of importance are fresh fish (about 1,000 metric tons annually), some salted, dried or smoked fish, prepared and unprepared sponges and pearls.

SOURCES: (1) Egypt Ministry of Commerce and Industry; The Egyptian Fisheries, Government Press, Cairo, 1948.
(2) E.B.Worthington; Middle East Science, A Report to the Director General, Middle East Supply Centre, August 1945. London: His Majesty's Stationery Office, 1946.
(3) Enoch S. Duncan: Fishery Leaflet No. 310, Fish and Wildlife Service, Washington, D.C., 1948.
(4) FAO Yearbook of Fishery Statistics, 1947, Washington, D.C., 1948.

Table 39. - The Lake Fisheries of Egypt

Lake	Area	Number of		Number of Boats	Total Production	Yield per Hectare
		Men	Boys			
	Sq. km.				M. tons	Kg.
Manzaleh a/	1 450	8,000	4,000	c/2 347	16 000	107
Burrulus a/	559	4,720	2,350	c/1 955	5,000	90
Edhow a/	133	1,980	970	c/950	2,000	150
Maneu a/	198	2,040	1 000	c/1 000	1,700	86
Karoun b/	228	2,400	1 150	d/372	2 800	121
Total	2,568	19,140	9,470	5 724	27,500	...

Source: The Egyptian Fisheries, Cairo, 1948.

a/ Strictly Delta lakes.
b/ In Faiyoum 200 km. from the sea.
c/ Sailing and rowing.
d/ Rowing.

Anglo-Egyptian Sudan

The Sudan has access to several fishery resources: (1) the marine fisheries of the Red Sea, (2) the inland fisheries of the Nile system, its tributaries and the irrigation dams on this river.

To the east, the Sudan abutts on the Red Sea. Around Port Sudan, a fishery for sea slugs was in operation before the war; this product was exported to China. Other marine products included dried shark and trochus shells for mother-of-pearl manufacture. With the improvement of the harbor facilities and increased shipping together with the access to the inland markets by means of the railway leading out from the port to branch off to the north and to the south might result in developing Port Sudan as a center of a Red Sea fishery. This fishery will be able to supply fish to the inland Sudanese population along the Nile.

The inland fisheries of Sudan are based on the Nile system in the area of the Sennar dam on the Blue Nile and the Jebel Aulia dam on the White Nile. The fishing methods of the Egyptians lower down on the Nile River have spread to the Sudan. There is about 130 boats on the Jebel Aulia and about 30 on the Blue Nile above Sennar. The number on the north of these dams is unknown. The gear includes seines imported from Egypt, cast nets and several varieties of long-lines. The annual production of fish from the inland fisheries is unknown but several thousands of metric tons a year are produced and there is an export market of wet-salted herring-sized fish, packed in tins, called "Faseekh" which are exported to Egypt. The development of the fishery resources of the Sudan are being undertaken by the government and in 1944 a Fisheries Committee was established.

The Jebel Auria reservoir affords opportunity for expansion. The improvement of craft and gear, marketing conditions, social conditions of the fishermen and the undertaking of scientific biological surveys will all contribute to a better utilization of resources. It is considered that the scientific investigation of the various features of the Nile River fisheries is a task that is a concern of not only the Anglo-Egyptian Sudans but also that of Egypt.

The Sudan exported during the period 1930-1939 between 400 and 800 metric tons of dried and salted fish annually. The export trade in "Faseekh" increased from about 1,000 tons in 1940 to about 2,000 tons in 1942 and 1943. Small quantities of caviar, mother-of-pearl shells, trochus shells and kokian shells were exported. Imports consisted of "preserved" fish amounting to about 100 metric tons valued at about $24,000 during the years immediately before the outbreak of war.

SOURCES: E.B. Worthington: Middle East Science, A Report to the Director General, Middle East Supply Centre, August, 1945, His Majesty's Stationery Office, London, 1946.
Annual Report of the Department of Economics and Trade, Khartoum.

TECHNOLOGICAL PUBLICATIONS

This selection contains the list of reprints, reports, etc., relating to technological problems of the fishing industry received by FAO. Material appearing in periodical or serial literature is not included. The first selection appeared in FAO Fisheries Bulletin, Vol. I, No. 2, September 1948.

No publication published earlier than 1 January 1948 is included. Information is given only regarding publications actually received or reviewed by FAO.

Attention is called to the fact that FAO can undertake no distribution of the material listed and is not in a position to say whether copies would be available. Anyone interested in a listed publication should contact the publisher indicated directly.

SMOKING

The Electrostatic Smoking of Sardines. William S. Hamm and Walter A. Hust. Fishery Leaflet 270...United States Department of the Interior, Fish and Wildlife Service, Washington 25, C. C., June 1948. 4 pp., illus. In English.

A report on experiments with electrostatic smoking of sardines. The smoking was accomplished in 12 seconds while the sardines in unsealed cans passed through the apparatus on a conveyor. A description of the installation is given.

The Smoke-Curing of Fish and the Application of a Controlled Method to the Process. Clarence L. Anderson and Robert K. Pederson. Technological Report No. 1...State of Washington Department of Fisheries, Technology Division. 20 pp., illus. Price 25 cents. In English.

A description is given of the principles involved in fish smoking and of a rationally designed smokehouse constructed by the Technological Laboratory of the Washington State Department of Fisheries. The design is said to be adaptable for large scale commercial houses, and it is noted that at least eight such smokehouses have been operated successfully for some time. Suggestions are given for the smoking of salmon, smelt, anchovies, oysters and clams.

STARFISH STUDIES

Technological Studies of the Starfish. Charles F. Lee...United States Department of the Interior, Fish and Wildlife Service, Washington 25, D. C., 1948. In English.

(Sep. 204) IV. Thiaminase in Starfish. 8 pp., illus.

(Sep. 206) V. Starfish as Fertilizer. 6 pp., illus.

Reprinted from Commercial Fisheries Review. These are two of six articles on the subject.

CRUSTACEANS

Canned Crab Industry of Japan. Fishery Leaflet 314...United States Department of the Interior, Fish and Wildlife Service, Washington 25, D. C., August 1948. 50 pp., illus. In English.

This is a reproduction of Report No. 109, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, issued July 26, 1948. A description of the various species of crab used for canning in Japan, especially a large size king crab, taraba-gani (Paralithodes camtschatica), their abundance in different waters and the Japanese crab fisheries is given, together with various statistics, etc., regarding the crab canning industry. An account of the operations of both shore canneries and floating canneries is given; with regard to floating canneries, general design, personnel, fishing operations, etc., are described.

Canning Dungeness Crabmeat. E. W. Harvey and F. C. Mann. Station Circular of Information No. 525...Agricultural Experiment Station, Oregon State College, Corvallis, Oregon, March 1948. 6 pp. In English.

Gives for the information of the industry detailed instructions for the preparation, picking and canning of meat of the Dungeness Crab (Cancer magister).

SANITATION

Food-Plant Sanitation. Milton E. Parker... McGraw-Hill Book Company, Inc., New York, New York, 1948. 447 pp., illus. In English.

Gives a detailed description of the different aspects of sanitation in food plants beginning with the improvements that can be made by proper construction and layout. Describes cleaning practices and improved draining in sanitation methods. The various fungicides, germicides and other chemicals used in plant sanitation, such as soaps, cleaning compounds, and other detergents, are described, together with their use. The problems of water hardness and water supply, etc., are described and procedures are given for cleaning and washing bottles and other food containers. An account is also given of the problem of contamination of other packing materials.

MISCELLANEOUS PRODUCTS

Strength Measurement of Agar Gels. Leonard S. Stoloff. Fishery Leaflet 306...United States Department of the Interior, Fish and Wildlife Service, Washington 25, D. C., April 1948. 32 pp., illus. In English.

Description of measurements with a flat plunger type instrument which gives the breaking load of agar gels.

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The FAO Fisheries Division will welcome comments and suggestions for this Bulletin.

OTHER FAO FISHERIES PUBLICATIONS

FAO Yearbook of Fisheries Statistics - 1947
Annuaire statistique des pêches - 1947

Published in Washington, D. C., in August 1948. Price $4.00. Bilingual, English and French, with Preface in Spanish. Photo-offset. 368 pp. Part I of this volume consists of 143 statistical tables on the import and export trade of 61 countries in fish and fisheries products since 1930. Part II contains 86 tables on (a) landings and (b) miscellaneous subjects such as the number of fishermen, craft, etc., for about 20 countries.

OTHER FAO STATISTICAL PUBLICATIONS

Yearbook of Food and Agricultural Statistics - 1947
Bilingual, English and French; with list of tables in Spanish and Chinese.
Printed. 280 pp.
Price $2.50 paper covers, $3.00 cloth covers.

Yearbook of Forest Products Statistics - 1947
Bilingual, English and French, and an edition with Spanish supplement.
Photo-offset. 212 pp.
Price $2.00.

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